

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101220AL\
 Data File : FC050037.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2020 23:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 13 01:04:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.645	2146284	19.148 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	13.078	1653947	19.093 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
Target Compounds			
1) T n-Nonane (C9)	3.385	2026573	20.450 ug/ml
2) T n-Decane (C10)	4.458	2043134	20.521 ug/ml
3) T A~Naphthalene (C11.7)	6.053	2238737	20.312 ug/ml
4) T n-Dodecane (C12)	6.480	2066078	20.476 ug/ml
5) T A~2-methylnaphthalene...	7.112	2250192	20.216 ug/ml
6) T n-Tetradecane (C14)	8.277	2037625	20.339 ug/ml
7) T n-Hexadecane (C16)	9.880	1977821	20.068 ug/ml
8) T n-Octadecane (C18)	11.323	2036814	19.722 ug/ml
10) T n-Eicosane (C20)	12.633	2011327	19.329 ug/ml
11) T n-Heneicosane (C21)	13.245	1985999	19.112 ug/ml
13) T n-Docosane (C22)	13.830	1961072	18.892 ug/ml
14) T n-Tetracosane (C24)	14.933	1911407	18.402 ug/ml
15) T n-Hexacosane (C26)	15.954	1844587	17.900 ug/ml
16) T n-Octacosane (C28)	16.903	1810537	17.494 ug/ml
17) T n-Tricontane (C30)	17.789	1764351	17.289 ug/ml
18) T n-Dotriacontane (C32)	18.622	1665308	17.335 ug/ml
19) T n-Tetratriacontane (C34)	19.404	1624194	17.707 ug/mlm
20) T n-Hexatriacontane (C36)	20.143	1573640	17.766 ug/mlm
21) T n-Octatriacontane (C38)	20.892	1534377	18.608 ug/ml
22) T n-Tetracontane (C40)	21.831	1551907	18.559 ug/ml

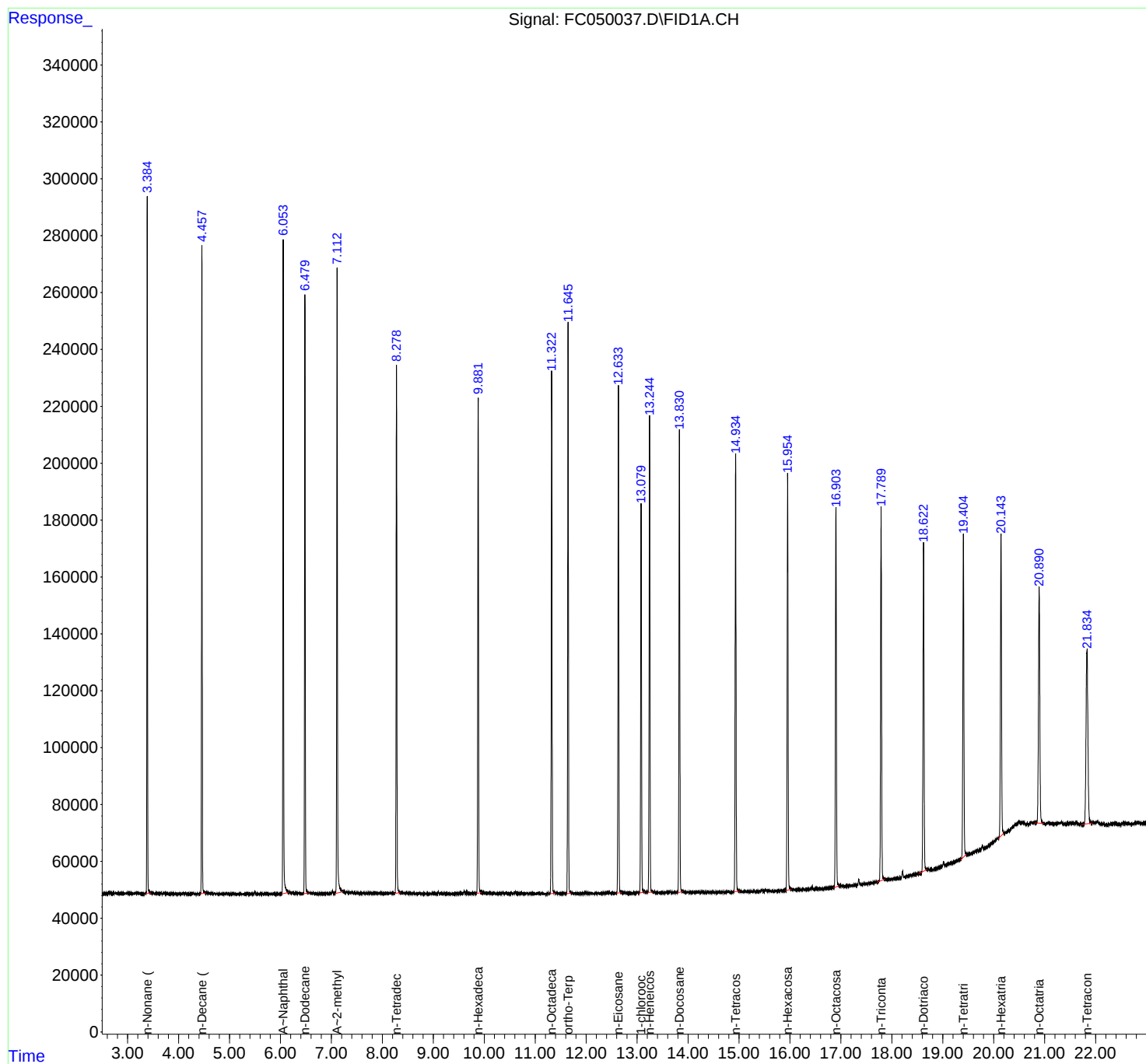
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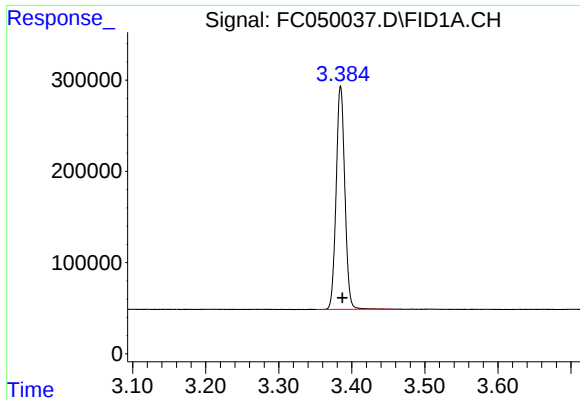
(m)=manual int.

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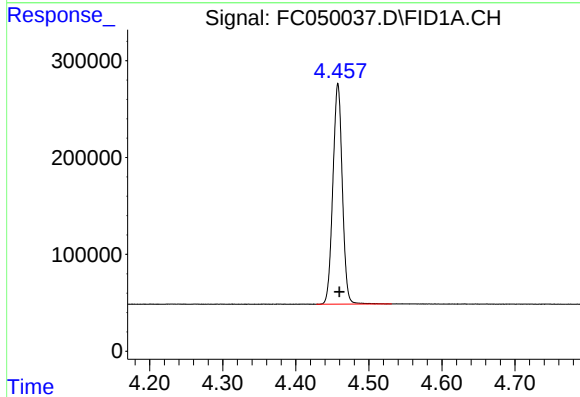
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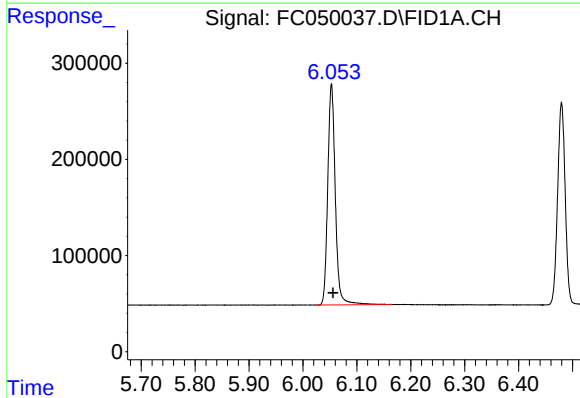
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2026573
Conc: 20.45 ug/ml



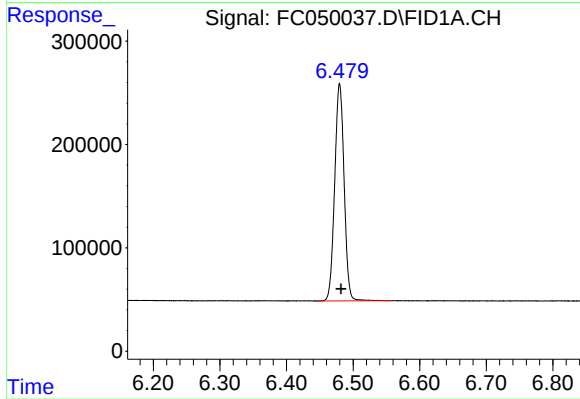
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 2043134
Conc: 20.52 ug/ml



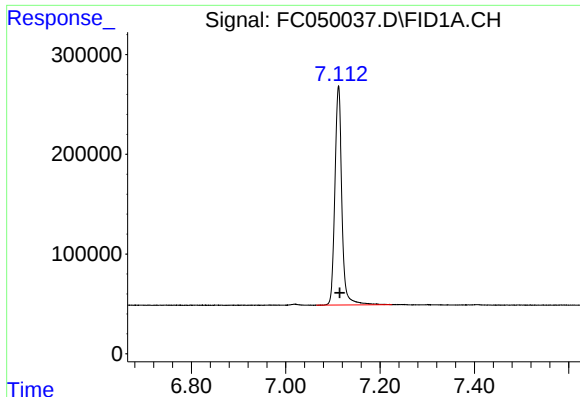
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 2238737
Conc: 20.31 ug/ml



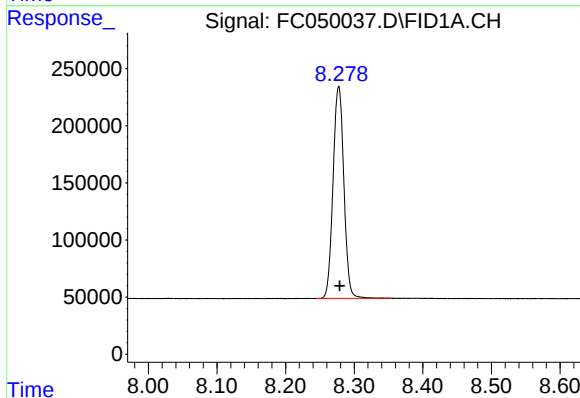
#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 2066078
Conc: 20.48 ug/ml



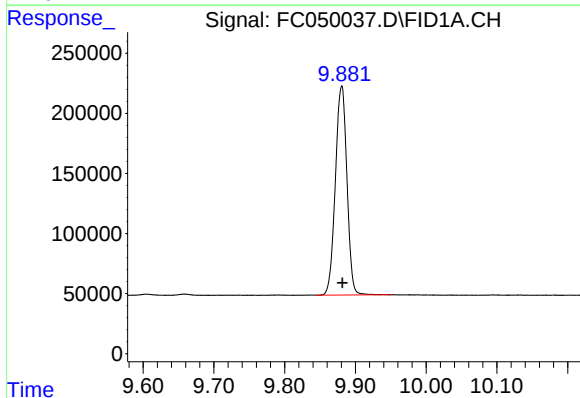
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 2250192
Conc: 20.22 ug/ml



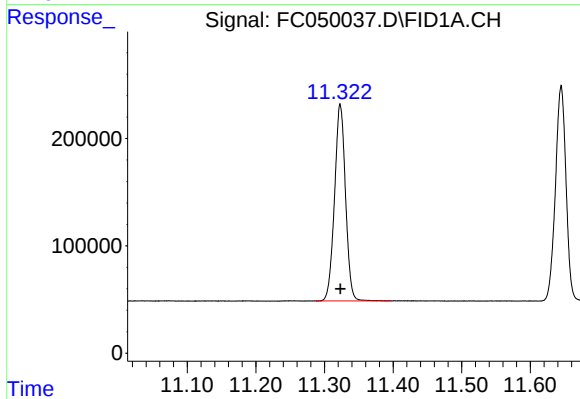
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 2037625
Conc: 20.34 ug/ml



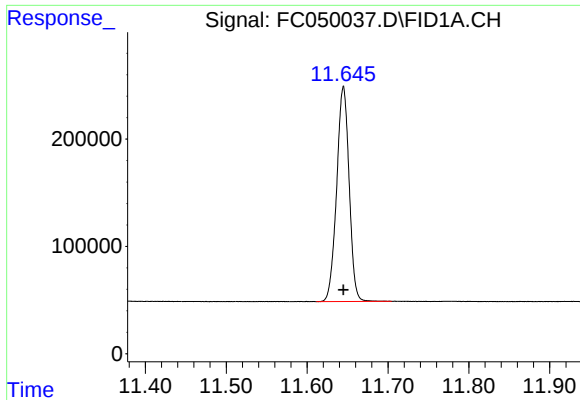
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.001 min
Response: 1977821
Conc: 20.07 ug/ml



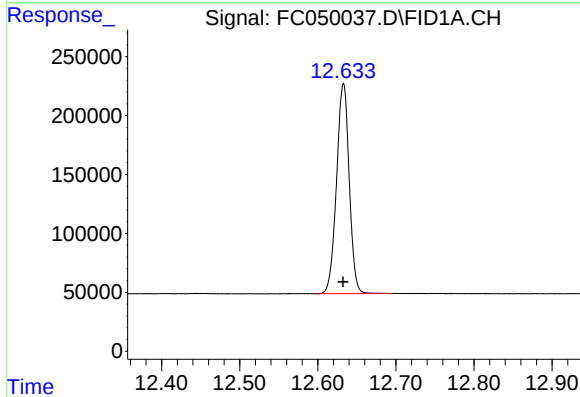
#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: 0.000 min
Response: 2036814
Conc: 19.72 ug/ml



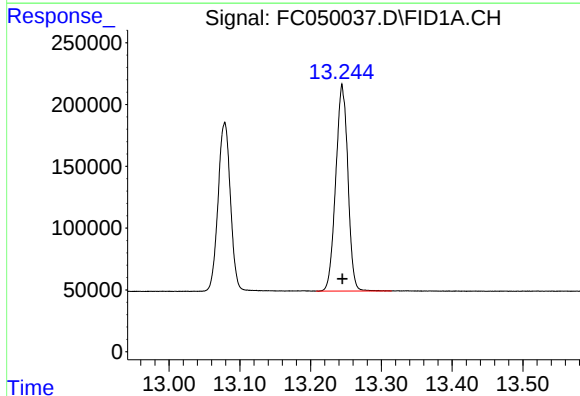
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 2146284
Conc: 19.15 ug/ml



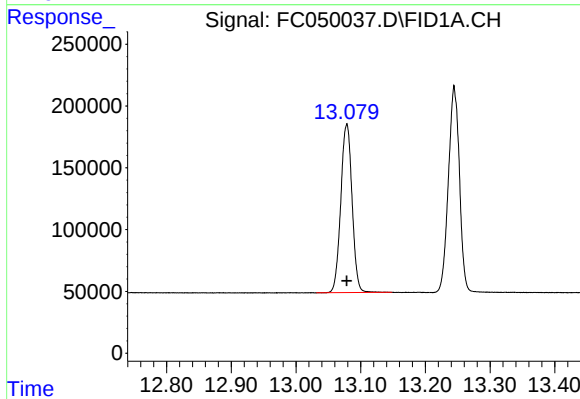
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 2011327
Conc: 19.33 ug/ml



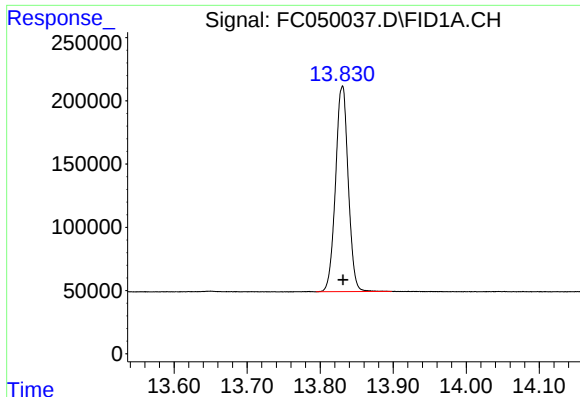
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 1985999
Conc: 19.11 ug/ml



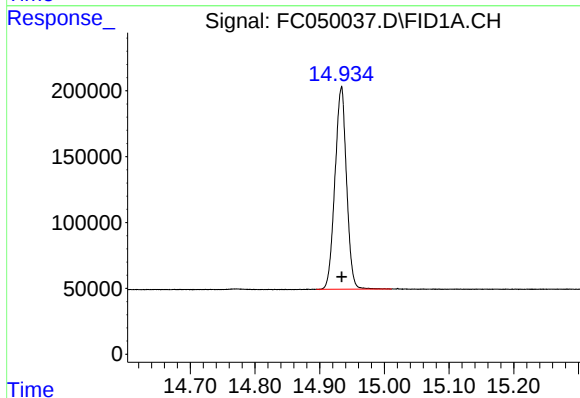
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 1653947
Conc: 19.09 ug/ml



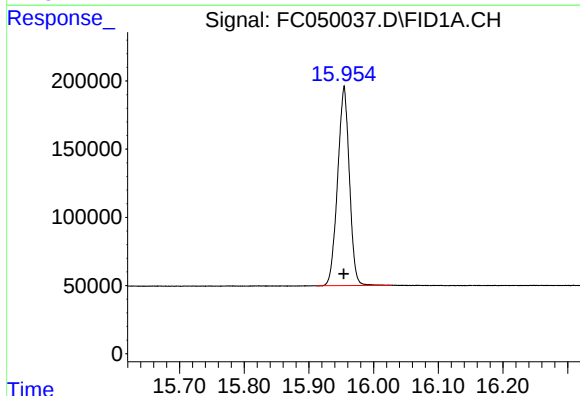
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.001 min
Response: 1961072
Conc: 18.89 ug/ml



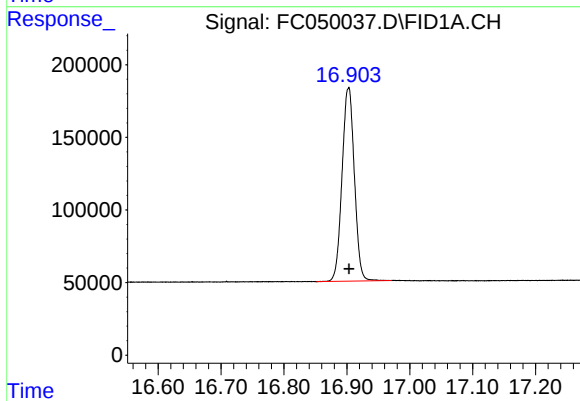
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.001 min
Response: 1911407
Conc: 18.40 ug/ml



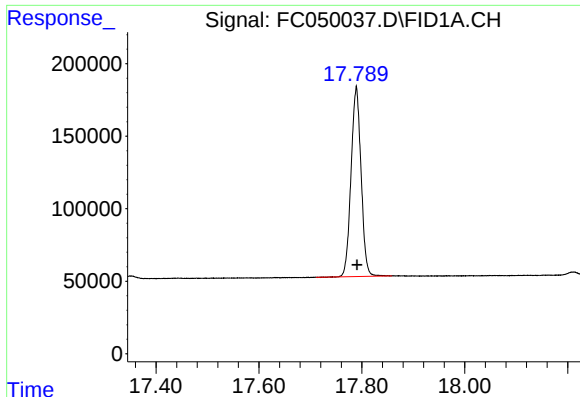
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: 0.000 min
Response: 1844587
Conc: 17.90 ug/ml



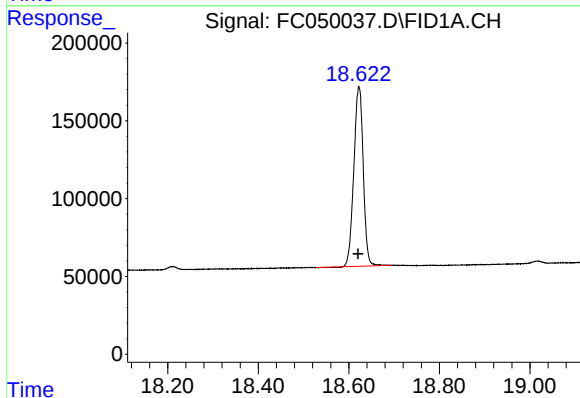
#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: 0.000 min
Response: 1810537
Conc: 17.49 ug/ml



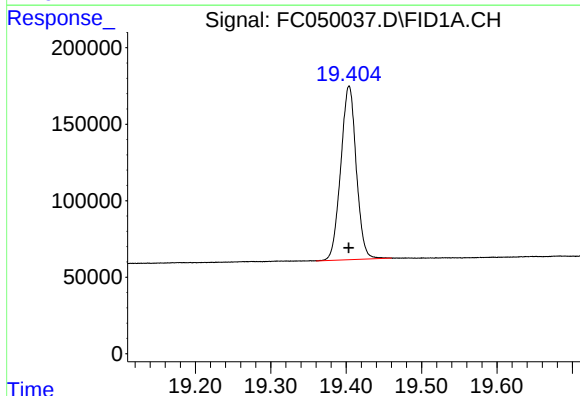
#17 n-Tricontane (C30)

R.T.: 17.789 min
Delta R.T.: -0.002 min
Response: 1764351
Conc: 17.29 ug/ml



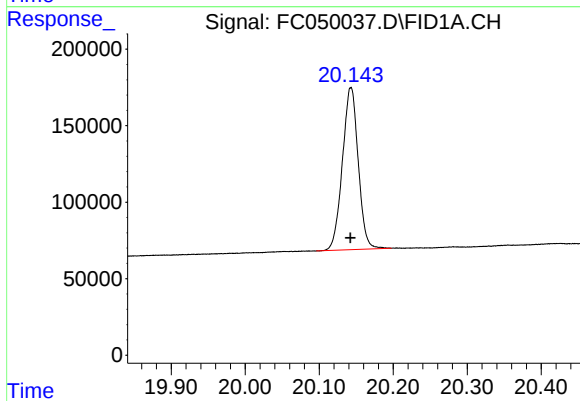
#18 n-Dotriacontane (C32)

R.T.: 18.622 min
Delta R.T.: 0.001 min
Response: 1665308
Conc: 17.33 ug/ml



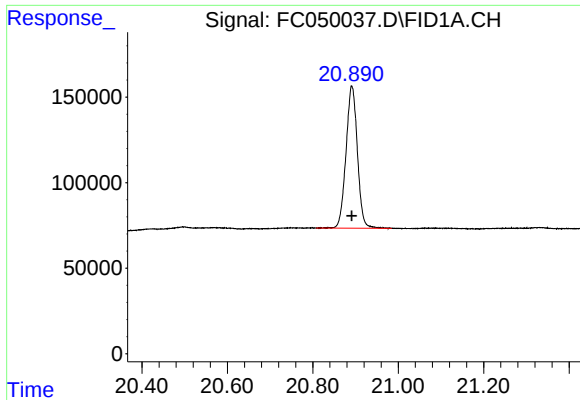
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: 0.000 min
Response: 1624194
Conc: 17.71 ug/ml m



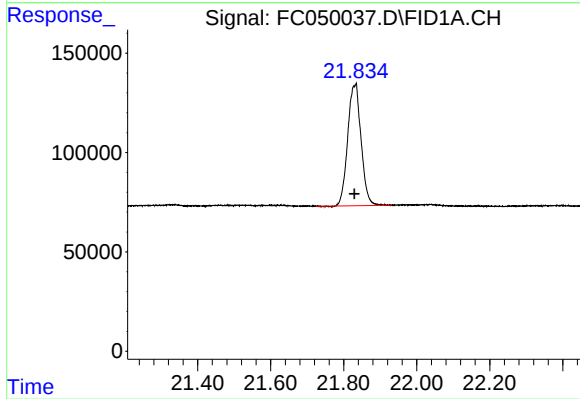
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 1573640
Conc: 17.77 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.892 min
Delta R.T.: 0.000 min
Response: 1534377
Conc: 18.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.831 min
Delta R.T.: 0.002 min
Response: 1551907
Conc: 18.56 ug/ml